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Resistance to stress including pollution; regulation; adaptation

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Behavioral physiology of fish; feeding; predation of fish larvae

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Burton, R. S., Prof.
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Population genetics; evolutionary mechanisms in populations; biochemical and molecular genetic analyses of invertebrates

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Feeding, respiration and nutrient regeneration of protozoans

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Physiology and demography of macroalgae

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Developmental physiology; endocrinology

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Chemosensory behavior; mathematical models

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Chemistry of red algae; molecular genetics of red and green algae

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Mechanisms of cellular resistance and control

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Nutrition of invertebrates

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Microbial ecology; trophic relations between planktonic protozoans and other heterotrophic and photosynthetic organisms; pelagic detrital aggregates

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Community ecology of rocky shores

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Nitrogen cycling and primary production

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Population biology; microbial ecology

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Dynamics of nearshore ecosystems

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Population and community ecology of macroalgae

Fuhrman, J., Prof.
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Planktonic microbial ecology. Productivity and growth of microorganisms, especially bacteria

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Ecology of sea birds

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Benthos of deep sea and temperate coasts

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Population and community ecology of benthic invertebrates

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Structure and functioning of benthic communities; meiofaunal ecology; energy flow

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Effects of man-made and natural disturbances on coral reefs

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Heavy metal pollution; estuarine chemistry

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Pollutant effects on plankton; radioecology

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Pollution effects on benthos animals

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Toxicology and stress responses in invertebrates

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Radioactive pollution

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Fish egg and larval survival

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